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233

*See
Platted*

A ROBERT A. HABERSHAM,
U. S. Surveyor General for Oregon.

FIELD NOTES

of the resurvey
Of the *O. S. & W. boundaries & Retraacements*
of S. 1/4 of Sec. 13-14-15-16-17-18.
T. 3 North R. 37 East

Willamette Meridian, Oregon,

BY

William E. Campbell

Deputy Surveyor,

UNDER

Joint Contract No. *718* dated *May 1*, 1900

Survey commenced *July 24*, 1900

Survey completed *August 29*, 1900

Platted

Copied for Washington *3-28-1901-D*

FIELD NOTES

298

Of the ^{re}survey of the Exterior

Lines of Fractional Township No. 3 North

Range No. 37 East, Willamette Meridian, Oregon,

as surveyed by William E. Campbell

U. S. Deputy Surveyor, under his ^{joint} contract No. 718

dated May first, 1900

Survey commenced July 24th, 1900

Survey completed August 29th, 1900

NAMES AND DUTIES OF ASSISTANTS.

Charles L. Campbell, Chainman.

Boz J. Campbell, Chainman.

_____, Chainman.

_____, Chainman.

Charles L. Campbell, Axman.

Boz J. Campbell, ^{Moundman}
~~Axman~~.

_____, Flagman.

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PRELIMINARY OATHS OF ASSISTANTS.

WE, Charles L. and

Roy J. Campbell

do solemnly swear that we will faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us, in the survey

of the Exterior

lines of fractional Township No. 3 North, Range No. 37 East, Willamette Meridian, Oregon.

Charles L. Campbell, Chainman.

Roy J. Campbell, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me this Twenty-sixth day of July, 1900.

William E. Campbell

U. S. Deputy Surveyor

[SEAL.]

WE, Charles L. and

Roy J. Campbell

do solemnly swear that we will well and truly perform the duties of axmen, mound men, and flagman in the establishment of corners and other duties, according to instructions given us, and to the best of our

skill and ability, in the survey of the Exterior lines of

fractional Township No. 3 N., Range No. 37 East, Willamette Meridian, Oregon.

Charles L. Campbell, Axman.

Roy J. Campbell, Moundman.

, Axman.

, Flagman.

Subscribed and sworn to before me this Twenty-sixth day of July, 1900.

William E. Campbell

U. S. Deputy Surveyor

[SEAL.]

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REFERRING THE LINES TO THE PAGES OF THE FIELD NOTES.

South half of
 Township No. 3 North, Range No. 37 East, Will. Mer.

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Boundaries of the south half of T. 3 N., R. 37 E.

Latitudes, departures & closing areas.

| Line designated as | True bearing. | Distance. | Latitudes — | | Departures — | |
|---|--------------------------------|---------------|-------------|--------|--------------|--------|
| | | | N. | S. | E. | W. |
| S. by. T. 3 N., R. 37 E., | W. $\frac{1}{2}$ N. 89° 40' W. | 478.99 | 1.84 | | | 478.99 |
| W. by. of S. half Sp. | N. 1° 42' W. $\frac{1}{2}$ N. | 235.00 | 235.00 | | | 1.25 |
| S. by. of same: 13, 14, 15, 16, 17, 18, | Irregular | 481.88 | 1.66 | | 481.88 | |
| E. by. of S. half Sp. | Irregular | 238.00 | | 238.00 | | 1.35 |
| Closing, | | | | | | 36 |
| | | | 238.50 | | | 481.95 |
| | | | 238.00 | | | 481.88 |
| | | | | | | |
| | | Error in lat. | .50 | | Error in Df. | .07 |

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Resurvey of the S. ldy. of T. 3 N., R. 37 E., Will. Mer. - Concluded.

80.34 A point about level with the $\frac{1}{4}$ sec. cor. $\frac{2}{3}$ of the cor. of T. 3 N., R. 36 $\frac{2}{3}$ & 37 E., which is the stump of a fir, 36 ins. diam., (not a post as stated in the field notes furnished me) marked & witnessed as described by the surveyor-general.

Land, nearly level & mountainous.

Soil, part creble; sandy loam, gravel & stone; 2^d, 3^d & 4th notes.

Heavily timbered with pine, fir, tamarack, spruce, alder & birch, 54.69 chs.

Densely overgrown with pine, fir, tamarack, spruce, alder, willow, birch, cypress, elder, huckleberry, thimbleberry, pinegrass, fern, rosebrier & brushgrass, 48.09 chs.

Mountainous, heavily timbered, on lands covered with dense undergrowth, 80.34 chs.

Good pasture land. August 10, 1900.

Resurvey of the W. ldy. T. 3 N., R. 37 E., Will. Mer.

Note: Failing to close random line bet. sec. 30 & 31, as stated in field notes of survey of subdivisions, page 48, I retrace W. ldy. of sec. 31, north from S.W. cor. of Tp. $\frac{2}{3}$ at 40.00 chs. set temp. $\frac{1}{4}$ sec. cor.; at 40.64 chs. intersect the old $\frac{1}{4}$ sec. cor., as determined by the two witness-trees described by the surveyor-general, post missing; at 80.00 chs. set temp. cor. of sec. 30 & 31 $\frac{2}{3}$ at 82.35 chs. fall 1 ch. 25 lbs. E. of the cor. of

Recovery of the W. ldy. of D. & N., Co. 37 E., Will. Mer., Continued.

- beers: beers 25 and 36, reestablished by me this day; therefore I recovery W. ldy. of beer 31 as follows:
- From the cor. of D. & N., Co. 36 and 37 E., before described, I run
- North, bet. beers 31 and 36.
- Over rolling, alluvial land, through heavy timber and dense undergrowth.
- 33.00 Leave dense undergrowth of swampy ground and cross small stony prairie with scattering timber.
- 37.80 I took trail; bears N. 80° W. and S. 80° E.
- 39.50 Descend over north brow of mountain.
- 40.00 At point about level with Sp. cor. and set a basalt stone 15 x 10 x 4 ins. 10 ins. in the ground, for 1/4 cor. W. ldy. of beer 31, marked 1/4 on E. face, from which
- A fir, 32 ins. diam., bears N. 80° E., 15 lbs. dist., marked 1/4 S. 31, B. D. Thence through heavy timber; bears E. and W.
- 40.64 At point 50 feet below last cor. and set a basalt stone 24 x 12 x 4 ins. 18 ins. in the ground, for 1/4 cor. E. ldy. of beer 36, marked 1/4 on W. face, from which the original
- Fir, 10 ins. diam., bears N. 10° W., 50 lbs. dist., marked 1/4 S., B. D. I obliterate the marks on
- A fir, 20 ins. diam., bearing S. 40° E. 25 lbs. dist.
- Thence I run
- N. 1° 42' W., through heavy timber and undergrowth.
- 57.00 Deep ravine, course N. W.; ascend stony, grassy hillside through scattering timber and undergrowth.

Survey of the W. bdy. of T. 3 N., R. 37 E. - Will. Mer. - continued.

80.00 A point 400 feet below the $\frac{1}{4}$ sec. cor., W. bdy. of sec. 31, near top of ridge, and set a basalt stone $15 \times 12 \times 4$ ins. 10 ins. in the ground, for closing cor. of secs. 30 and 31, marked L. C. on E. face, with 5 grooves on N. and 1 groove on S. face, from which
A pine, 11 ins. diam., bears S. 29° E., 69 lbs. dist., marked T. 3 N., R. 37 E., S. 31, B. D.

No tree in limit N. E.; and I raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high on W. end of stone ledge E. of cor. Pit impracticable. Land, gently rolling and mountainous.

Soil, heavy musk, black loam, gravel and stone; 1st, 2^d, and 4th rates. Heavily timbered with pine, fir, tamarack and spruce, 50.00 chs.

Densely overgrown with pine, fir, tamarack, spruce, alder, willow, cascara, ninebark, jun, huckleberry, rosebrier, pine and bushy grasses, 33.00 chs. North half good pasture.

Mountainous, heavily timbered, or lands covered with dense undergrowth, 74.00 chs. August 26, 1900.

N. $1^\circ 42'$ W., bet. secs. 30 and 36.

.50 Summit of rocky ridge bearing N. 30° W. and S. 30° E.; descend.

1.00 Trail; bears N. 20° W. and S. 20° E.; enter dense undergrowth.

2.35 The cor. of secs. 25 and 36, reestablished by me August 26, 1900, an ironstone $10 \times 6 \times 5$ ins. above ground, marked and witnessed as described in the field notes of survey of subdivisions returned to the surveyor-general. Thence I retrace

North, bet. secs. 25 and 30.

2.50 Enter heavy timber; bears N. W. and S. E.

26.00 Thence scattering timber and undergrowth; steep, grassy slope eastward.

Re-survey of the W. bdy. of T. 3 N., R. 37 E., Will. Mer. - Continued.

- 32.00 Enter timber and dense undergrowth; bears E. and W.
- 37.00 Ascend steep slope S. 70° E.
- 39.75 Scattering timber and undergrowth.
- 40.00 At point 300 feet below the closing sec. cor. and set temp. $\frac{1}{4}$ sec. cor. W. bdy. of sec. 30; from which I find the $\frac{1}{4}$ sec. cor. E. bdy. of sec. 25, as determined by the remaining stump of witness-tree, a pine, 36 ins. diam., marked $\frac{1}{4}$ S., B. I., bears North, 1 ch. 34 lbs. dist. - post missing. Therefore I set a basalt stone 15 x 12 x 4 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., W. bdy. of sec. 30, marked $\frac{1}{4}$ on E. face, from which
 A fir, 17 ins. diam., bears S. 54° E., 72 lbs. dist., marked $\frac{1}{4}$ S. 30, B. I.
- 40.34 The stump of witness-tree, above described, dead and broken, 3 lbs. E. of line, is in wrong sec.; therefore I obliterate the marks thereon and at the true cor. point
 before determined, set a basalt stone 15 x 12 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. E. bdy. of sec. 25, marked $\frac{1}{4}$ on W. face, from which
 A pine, 15 ins. diam., bears N. 20° W., 65 lbs. dist., marked $\frac{1}{4}$ S. 25, B. I.
- 42.25 Ascend over grassy ridge; bears N. E. and S. W.
- 52.00 Trail, on summit, bears with ridge; descend through timber and dense undergrowth.
- 60.00 Scattering timber on west slope.
- 80.00 At point 300 feet below the $\frac{1}{4}$ sec. cor. W. bdy. of sec. 30, and set temp. closing cor. of secs. 19 and 30; from which I find the cor. of secs. 24 and 25, as determined by the remains of

Resurvey of the W. bdy. of T. 3 N., R. 37 E., Will. Mon. - Continued.

Chains: stone mound, decayed post and marked stone described by the surveyor-general, bears North, 1 ch. 35-ths. dist.; therefore I set a basalt stone $20 \times 6 \times 5$ ins. 15 ins. in the ground, for closing cor. of secs. 19 and 30, marked CC on E. face, with 4 grooves on N. and 2 grooves on S. faces, from which

A fir, 6 ins. diam., bears S. $87\frac{1}{4}^{\circ}$ E., 95 ths. dist., marked T. 3 N., R. 37 E., S. 30, B. D.

No tree in limit N. E. and I raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Pits impracticable. Land, mountainous.

Soil, gravelly and stony; 3rd and 4th rates.

Timber, pine, fir and tamarack.

Undergrowth, pine, fir, tamarack, alder, willow, carrara, mincbark, cherry and bunchgrass. Good pasturage.

Mountainous land, 80.00 chs. August 28, 1900.

North, bet. secs. 19 and 25.

A ascending grassy hillside through scattering timber; bears N. 20° W. and S. 20° E.

1. 35 The cor. of secs. 24 and 25, before noted as partially defaced; I reestablish by setting a basalt stone $24 \times 12 \times 3$ ins. 18 ins. in the ground, for cor. of secs. 24 and 25, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ -ft. high, W. of cor. Pits impracticable.

Thence north on blank line, E. bdy. of sec. 24; at 38.65 chs. set temp. 1 $\frac{1}{4}$ sec. cor. W. bdy. of sec. 19; at 40.00 chs. fail to find any trace of the old 1 $\frac{1}{4}$ sec. cor. E. bdy. of sec. 24; set temp. cor. and

Resurvey of the W. bdy. of T. 3 N., R. 37 E., Will. Mer. - Continued.

- Chains: at 75.00 chs. intersect the cor. of secs. 13, 18, 19 & 24, a post on summit of ridge, marked & witnessed as described by the surveyor-general.
- North, bet. secs. 19 & 24, counting dist. from closing sec. cor.
- 10.00 Point - N.W.; descend.
- 11.25 Steep descent through timber & dense undergrowth; bears E. & W.
- 17.85 Ravine, course N.W.; ascend open, grassy point.
- 19.25 Scattering timber & undergrowth; slope S. 80° W.
- 31.75 Trail on ridge; bears N.W. & S.E.; descend through heavy timber & dense undergrowth.
- 40.00 A point 500 feet below the closing sec. cor. & the temp. 1/4 sec. cor.,
 A fir, 5 ins. diam., for 1/4 sec. cor. W. bdy. of sec. 19, I mark 1/4 S. on E. side, from which
 A fir, 14 ins. diam., bears N. 88° E., 57 lbs. dist., marked 1/4 S. 19, B.D.
- 41.35 The temp. 1/4 sec. cor. E. bdy. of sec. 24; I set a fir post, 3 ft. long, 3 ins. eq., 24 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face, from which
 A fir, 7 ins. diam., bears S. 88° W., 27 lbs. dist., marked 1/4 S. 24, B.D.
- 54.50 Foot of hill; Bobbed creek, 20 lbs. wide, runs N. 70° W. in bedrock channel; ascend steep, grassy ridge through scattering timber & undergrowth.
- 75.00 A point about level with the 1/4 sec. cor. & the cor. of secs. 13, 18, 19 & 24.
 Land, mountainous.
 Soil, gravelly & stony; 3rd & 4th rates.

Resurvey of the W. bdy of T. 3 N., R. 37 E., Will. Mer., - Concluded.

Chains: Timber, pine, fir, tamarack, spruce & cottonwood.

Undergrowth, pine, fir, tamarack, spruce, alder, willow, cherry, rosehuck, ninebark, huckleberry, thimbleberry, fern & bunchgrass. Good pasturage.

Mountainous land, 75.00 chs. August 29, 1900.

Retirement of the S. boundaries of secs. 13, 14, 15, 16, 17 & 18,
T. 3 N., R. 37 E., Will. Mer.

From the cor. of secs. 13 & 24, a E. bdy. of Tp., I run S. $89^{\circ}45'W.$, on a blank line, S. bdy. of sec. 13; at 40.00 chs. set temp. $\frac{1}{4}$ sec. cor., N. bdy. of sec. 24; at 40.18 chs. the $\frac{1}{4}$ sec. cor., S. bdy. of sec. 13, bears S. 8 ths. dist.; & at 78.70 chs. the cor. of secs. 13 & 14, a basalt stone $18 \times 14 \times 4$ ins., marked as described by the surveyor-general, bears S. 97 ths. dist.; the stump of the N.W. witness-tree, a fir, 6 ins. diam., marked T. 3 N., R. 37 E., S. 14, B. 9., alone remains; the other bearing-trees have been destroyed by fire & no trees are left in limits north of sec. lines. I reconstruct mound of stone about cor. & run

N. $88^{\circ}25'E.$, on a tree line, S. bdy. of sec. 13.

Descending N.E. base of mountain through partially deadened, windfallen timber & dense undergrowth; bears N.W. & S.E.

38.52 At point 300 feet below the sec. cor. & the $\frac{1}{4}$ sec. cor., a fir, 6 ins. diam., marked & witnessed as described by the surveyor-general.

Thence I run

N. $89^{\circ}39'E.$, on a tree line S. bdy. of sec. 13.

63.00 Foot; North Fork of the Armatilla river, 50 ths. wide, flows N. $60^{\circ}W.$;

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by William E. Campbell, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the surveys of the Coctior lines of fractional Township No. 3 N., Range No. 37 East, Willamette Meridian, Oregon, showing the respective capacities in which they acted :

- Charles L. Campbell, Chainman.
Roy J. Campbell, Chainman.
Charles L. Campbell, Chainman.
Roy J. Campbell, Chainman.
Charles L. Campbell, Axman.
Roy J. Campbell, Axman Moundman
Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted William E. Campbell, U. S. Deputy Surveyor, in surveying all those parts or portions of the Coctior lines of fractional Township No. 3 N., Range No. 37 East, Willamette Meridian, Oregon, as are represented in the foregoing field notes as having been surveyed by him and under his direction ; and that said survey has been in all respects to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the U. S. Surveyor-General of Oregon :

- Charles L. Campbell, Chainman.
Roy J. Campbell, Chainman.
Charles L. Campbell, Axman.
Roy J. Campbell, Moundman Axman
Flagman.

Subscribed and sworn to before me, this thirtieth day of August, 1900

William E. Campbell
U. S. Deputy Surveyor

[SEAL.]

FINAL OATH OF DEPUTY SURVEYOR.

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I, William E. Campbell, United States

Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Robert A. Habershane, U. S.

Surveyor-General for Oregon, bearing date of the seventh

day of May, 1900, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor-General for Oregon, the Manual of Surveying Instructions, and the laws of the United States, surveyed

all those parts or portions of The exterior lines of fractional Township No. 3 North, range No. 37 East,

Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor-General for Oregon, and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

William E. Campbell

U. S. Deputy Surveyor.

Subscribed by said William E. Campbell, U. S.

Deputy Surveyor, and sworn to before me this twenty eighth

day of December, 1900

Alvin E. Lake

Clerk of the Circuit Court

Office of U. S. Surveyor-General,

PORTLAND, OREG., *March 28*, 190*1*

The foregoing field notes of the ^{Re} survey of the *East Sound*
and West boundaries and the
Retracement of South boundaries
of Secs. 13-14-15-16-17+18. of
Township 3 N. R. 37 E Will Met Co
 executed by *William E. Campbell*
U. S. Deputy Surveyor
 under his contract No. *718*, dated *May 1*.

....., 190*1*, having been critically examined,
 and the necessary corrections and explanations made, the said field
 notes and the surveys they describe, are hereby approved.

Robert A. Habershaw
 U. S. Surveyor-General.